INTERNATIONAL SEARCH REPORT

Interna al Application No PCT/US 98/05543

			1 0 17 0 0 0 0 7 0 0 0 1 0						
A. CLASSIFICATION OF SUBJECT MATTER IPC 6 H01J9/02 H01J1/30									
According to International Patent Classification (IPC) or to both national classification and IPC									
B. FIELDS	SEARCHED								
Minimum documentation searched (classification system followed by classification symbols) IPC 6 H01J									
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched									
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)									
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT								
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X Funti	ner documents are listed in the continuation of box C.	χ Patent family me	embers are listed in annex.						
* Special ca	tegories of cited documents :								
consid "E" earlier o	ent defining the general state of the art which is not ered to be of particular relevance document but published on or after the international	 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention 							
which i	ate nt which may throw doubts on priority claim(s) or is cited to establish the publication date of another n or other special reason (as specified)	cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the							
"O" docume other n	ed to involve an inventive step when the ned with one or more other such docu- nation being obvious to a person skilled								
"P" docume later th	ent published prior to the international filing date but an the priority date claimed	in the art. "&" document member of the same patent family							
Date of the actual completion of theinternational search Date of mailing of the international search report									
11 June 1998 22/06/1998									
Name and m	nailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer							
	NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Van den Bulcke, E							

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